

## PART B - FEE(S) TRANSMITTAL

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NOV 24 2008

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52427 7590 10/15/2008

**MUIRHEAD AND SATURNELLI, LLC**  
**200 FRIBERG PARKWAY, SUITE 1001**  
**WESTBOROUGH, MA 01581**  
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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Sandra Pires (Depositor's name)

(Signature)

November 21, 2008 (Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/812,291	03/29/2004	Jerome J. Cartmell	EMS-06601	2259

TITLE OF INVENTION: MIRRORED MEMORY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	01/15/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
VO, THANH DUC	2189	711-104000

Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Muirhead and Saturnelli, LLC

1 \_\_\_\_\_  
 2 \_\_\_\_\_  
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ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

EMC Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hopkinton, MASSACHUSETTS

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

a The following fee(s) are submitted:

☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 5

4b Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached  
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 05-0889 (enclose an extra copy of this form).

Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

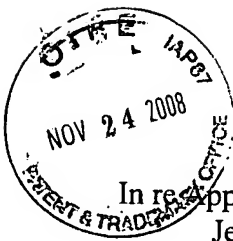
Date November 21, 2008

Typed or printed name Donald W. Muirhead

Registration No. 33,978

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: application of:

Jerome J. CARTMELL, et al.

Appl. No.: 10/812,291

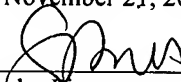
Filed: March 29, 2004

For: MIRRORED MEMORY

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: Art Unit: 2189  
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: Examiner: Thanh Duc VO  
:  
: Docket No.: EMS-06601  
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Certificate of Mailing

I hereby certify that the foregoing document is being deposited with the United States Postal Service, postage prepaid, first class mail, in an envelope addressed to: MAIL STOP: ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 21, 2008.

  
Sandra Pires

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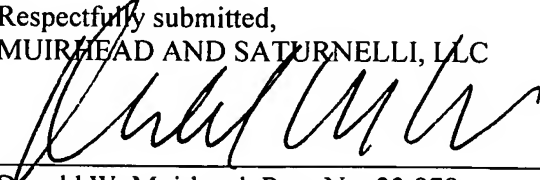
TRANSMITTAL OF ISSUE FEE

Sir:

In response to the Notice of Allowance dated October 15, 2008 for the above-referenced application, please charge the amount of \$1,525.00 for the issue fee and 5 soft copies to our **Deposit Account No. 05-0889**.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is hereby authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 05-0889**.

Respectfully submitted,  
MUIRHEAD AND SATURNELLI, LLC

  
Donald W. Muirhead, Reg. No. 33,978

Muirhead and Saturnelli, LLC  
200 Friberg Parkway, Suite 1001  
Westborough, MA 01581  
Tel: (508) 898-8601  
Fax: (508) 898-8602  
Date: November 21, 2008

Customer No. 52427